

### **Listing of the Claims**

1-72. (Cancelled)

73. An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide at least 80% identical to amino acids 22-221 of SEQ ID NO:2, wherein the polypeptide binds CD48.

74. An isolated nucleic acid molecule of claim 73, wherein the polypeptide acid sequence is at least 90% identical to amino acids 22-221 of SEQ ID NO:2, wherein the polypeptide binds CD48.

75. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises amino acids 22-221 of SEQ. ID NO:2.

76. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises amino acids 1-221 of SEQ ID NO:2.

77. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises amino acids 19-221 of SEQ ID NO:2.

78. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises amino acids 19-224 of SEQ ID NO:2.

79. (Cancelled)

80. An isolated nucleic acid molecule comprising a polynucleotide at least 80% identical to SEQ ID NO:1.

81. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises SEQ ID NO:6.

82. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises SEQ ID NO:7.

83. The isolated nucleic acid molecule of claim 73, wherein the polypeptide comprises  
SEQ ID NO:8.

84. A recombinant vector comprising the nucleic acid molecule of any one of claims 73  
through 83.

85. A host cell transfected or transduced with the vector of claim 84.

86. A method for the production of NK cell Activation Ligand (NAIL) polypeptide  
comprising culturing a host cell that has been genetically engineered to express the nucleic acid  
of claim 73 under conditions promoting expression of the polypeptide.

87. The method of claim 86, further comprising recovering the polypeptide.

88. The method of claim 87, wherein the host cell is a mammalian cell.

89. The method of claim 88, wherein the host cell is a CV-1/EBNA cell.